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LOC	DIST
EH	00

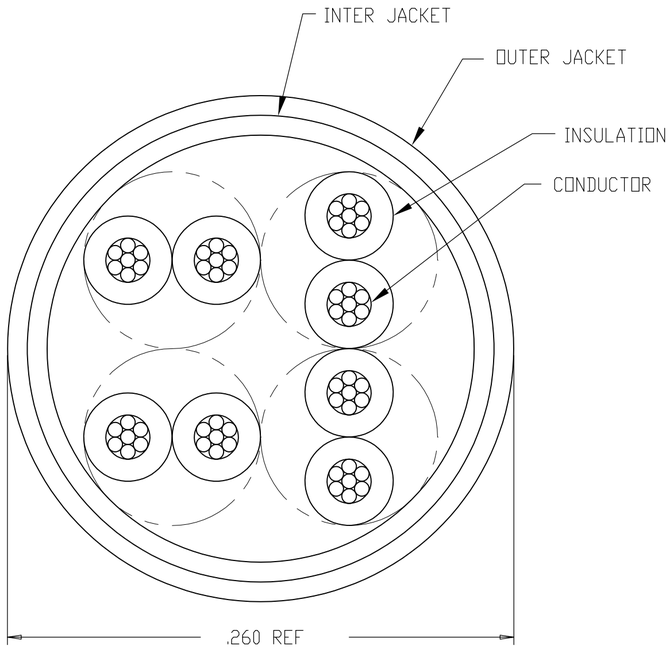
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RLSD PER EC 0B10-0050-04	20APR04	LH	RS
	B	REV ECO-08-014237	09JUN08	LH	JG

CATEGORY 5E PERFORMANCE CHARACTERISTICS

FREQUENCY MHz	RETURN LOSS (dB) MIN.	NEXT (dB) MIN.	POWER SUM NEXT (dB) MIN.	ELFEXT (dB/100m) MIN.	PSELFEXT (dB/100m) MIN.	ACR (dB) MIN.	PSACR (dB) MIN.	INSERTION LOSS (dB) MIN.
0.772	NA	67.0	64.0	66.0	63.0	64.8	61.8	2.2
1.00	20.0	65.3	62.3	63.8	60.8	62.9	59.9	2.4
4.00	23.0	56.3	53.3	51.7	48.7	51.4	48.4	4.9
8.00	24.5	51.8	48.8	45.7	42.7	44.9	41.9	6.9
10.00	25.0	50.3	47.3	43.8	40.8	42.5	39.5	7.8
16.00	25.0	47.3	44.3	39.7	36.7	37.4	34.4	9.9
20.00	25.0	45.8	42.8	37.7	34.7	34.7	31.7	11.1
25.00	24.3	44.3	41.3	35.8	32.8	31.8	28.8	12.5
31.25	23.6	42.9	39.9	33.9	30.9	28.8	25.8	14.1
62.50	21.5	38.4	35.4	27.8	24.8	18.0	15.0	20.4
100.00	20.1	35.3	32.3	23.8	20.8	8.9	5.9	26.4

FINISHED CABLE DATA		
CONDUCTORS	WIRE AWG	26 AWG 7/32 TINNED
	OVERALL NOMINAL DIAMETER	0.0235
	MATERIAL	COPPER
INSULATION	MATERIAL	POLYETHYLENE
	OVERALL NOMINAL DIAMETER	0.040
SHIELD	FOIL	ALUMINUM MYLAR
INNER JACKET	MATERIAL	PVC
OUTER JACKET	MATERIAL	UV-FG POLYOLEFIN



1. COLOR CODE:

PAIR	CONDUCTOR 1	CONDUCTOR 2
1	WHT/BLU	BLU
2	WHT/ORN	ORN
3	WHT/GRN	GRN
4	WHT/BRN	BRN

LIGHT BLUE, WHITE, LIGHT GREEN AND LIGHT BROWN ARE ACCEPTABLE COLORS FOR CONDUCTOR 1.

△2 PRINT COLOR SHALL BE BLACK.

△3 PRINT DURABILITY SHALL BE PER UL 444 SECTION 6.7

△4 ABCD IS DATE CODE - AB YEAR
CD WEEK
EXAMPLE: 9513 PER (102-60)

5. GOVERNING SPECIFICATIONS - LATEST REVISIONS
TIA/EIA 568-B.2 CATEGORY 5e
UL 62 SECTION 59 OIL RESISTANCE
UL 444 - CMR
UL 444 SECTION 6.12 UV EXPOSEURE

△6 ETL CONTROL NUMBER.

7. PACKAGE ON PLYWOOD REEL 5000FT LENGTH.
MULTIBLE LENGTHS PER REEL ACCEPTABLE.

△8 LEGEND MAY VARY PER REGULATORY REQUIREMENTS.

LEGEND TO BE REPEATED EVERY 24" MAX

AMP NETCONNECT ETHER SEAL MODERATE NOISE CATEGORY 5e INDUSTRIAL CABLE 4 PR 24 AWG 75c SUN RES OIL RES II CMR c(ETL)us XXXXXXX ABCD △2 △3 △8 △6 △4

GRAY	REEL	1499448-3
JACKET COLOR	PACKAGE	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± .1
2 PLC ± .02
3 PLC ± .005
4 PLC ± .0005
ANGLES ± –

MATERIAL –
FINISH –

DWN	L. HALL	12APR04
CHK	R. SPEER	12APR04
APVD	R. SPEER	12APR04
PRODUCT SPEC	–	
APPLICATION SPEC	–	
WEIGHT	–	

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME
CABLE, 4 PAIR, ETHER SEAL MODERATE NOISE, PATCH CORD
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1499448	–

CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 1 | REV B

1499448